

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	128	("210"/\$.ccls. or "134"/\$.ccls. or "137"/\$.ccls. or "95"/\$.ccls.) and membrane and ((mutiple adj phase) or (multiphase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 17:42
S2	0	("210"/\$.ccls. or "134"/\$.ccls. or "137"/\$.ccls. or "95"/\$.ccls.) and membrane and (((mutiple adj phase) or (multiphase)) near composition)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 16:25
S3	166	("210"/\$.ccls. or "134"/\$.ccls. or "137"/\$.ccls. or "95"/\$.ccls.) and membrane and ((multiple adj phase) or (multi-phase))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 18:02
S4	73	("210"/\$.ccls. or "134"/\$.ccls. or "137"/\$.ccls. or "95"/\$.ccls.) and membrane and ("mixed-phase" or "mixed phase")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 18:17
S6	58	("20020112743" "20040007255" "3794169" "3802390" "3840402" "3912624" "3992301" "4153545" "4222871" "4224963" "4244820" "4299121" "4409088" "4482514" "4624760" "4740308" "4792401" "4801375" "4871683" "4923609" "4943374" "5028329" "5039324" "5147309" "5169412" "5171446" "5221477" "5242046" "5395429" "5456843" "5560828" "5605628" "5690830" "5801051" "6004374" "6027572" "6071356" "6112908" "6158721" "6161250" "6174351" "6197203" "6197739" "6214231" "6261457" "6288222" "6326340" "6351864" "6355173" "6387189" "6402956" "6454871" "6485762" "6499606" "6515115" "6524481" "6619302").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/23 09:41
S7	584	210/636.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 15:46
S14	0	S7 and (liquid near (flow adj rate)) and ((gas or gaseous) near (flow adj rate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 15:50
S15	236	S7 and liquid and gas\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 15:51
S16	144	S7 and liquid and gas\$3 and (flow adj rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 15:51

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S17	77	S7 and liquid and gas\$3 and (flow adj rate) and ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 15:51
S18	21	S7 and liquid and gas\$3 and (flow adj rate) and ratio and air and "carbon dioxide"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 15:51
S19	24	S7 and liquid and gas\$3 and (flow adj rate) and ratio and air and ("carbon dioxide" or ozone)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 17:15
S21	1	S7 and ((liquid or gas or gaseous) near (((flow adj rate) or (volume or volumetric)) with ratio))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 17:21
S23	2	"6027572".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 17:44
S24	2	"20020112743".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 09:44
S26	584	210/636.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 11:32
S27	30	S26 and ((multiple multi mixed two) adj phase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/01 09:53
S28	6	S26 and ("carbon dioxide" or ozone) and air and water and membrane and liquid and (gaseous and gas) and ratio and flow and (volume or volumetric) and rate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 15:09
S29	10	S26 and ("carbon dioxide" or ozone) and air and water and membrane and liquid and (gaseous and gas) and flow and (volume or volumetric) and rate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 15:09

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S30	734	134/22.12.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 15:18
S31	1579	134/30.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 15:18
S32	79	137/15.05.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 15:18
S33	157	95/278.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 15:18
S34	178	95/279.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 15:18
S35	80	95/281.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 15:18
S36	506	S26 and membrane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 15:43
S37	19	("20020112743"   "20020189647"   "4400220"   "4622140"   "4707335"   "4767539"   "4881563"   "4902352"   "5415191"   "5628959"   "5651893"   "5658466"   "5941257"   "5944997"   "6027572"   "6192900"   "6193890"   "6423152"   "6454871").PN. OR ("6945257").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/30 13:38
S38	18	("4357254"   "4451369"   "4812270"   "4902417"   "5013437"   "5045197"   "5069793"   "5152901"   "5207916"   "5250118"   "5288308"   "5310486"   "5358640"   "5658460"   "5766479"   "5895570"   "6059974"   "6113797").PN. OR ("6702944").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/30 13:39
S39	2	"20030047510".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 14:33

## EAST Search History

S40	585	210/636.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 10:22
S41	81	210/636.ccls. and (dairy or food)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 13:51
S42	60	134/22.12.ccls. and (dairy or food)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 17:41
S43	58	S42 not S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 10:22
S44	585	210/636.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 10:22
S45	57	S44 and (spiral adj wound)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 10:24
S48	27	S44 and (spiral adj wound) and air and area	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 10:41
S49	156	S44 and (recirculat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 11:23
S52	126	S44 and recycl\$3 and clean\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 12:38
S53	496	210/195.2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 12:39

## EAST Search History

S54	18	210/195.2.ccls. and ((spiral adj wound) with membrane) and clean\$3 and recirculat\$4 and recycl\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 12:40
S55	85	210/195.2.ccls. and clean\$3 and recirculat\$4 and recycl\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/05 12:40